



RF



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ORANGE COUNTY AMATEUR RADIO CLUB

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P.O. BOX 3454, TUSTIN, CA 92681

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## APRIL MEETING

### "The Grand Tour"

Band Planning in the 90's

Featuring

Dave Gutierrez - W6PMX

PREZ SEZ

Well if you haven't paid your dues, then you probably are not reading this month's RF. If you borrowed a copy, then how about renewing your membership. The board is continuing to work on Field Day which is just around the corner. So which bands do you want to work? How about talking over the OSCAR bird? Band captains will be looking for your support. How are the prizes at the club "sweepstakes"? What kind of prizes would you like to see? Give your suggestions to Cindy - KC6OPI. So talk to the Board members about what you want to do in the club. We are looking for your suggestions.

73,

Jane

KC6TAM

**April 1993**

## FIELD DAY 1993

Field Day is fast approaching-June 26,27. We will need the help of everyone to make it successful.

We will be operating in the 5A category, so we need 5 main stations plus novice/tech, packet, and satellite stations. As a suggestion, these are the 5 stations arranged to maximize scores, minimize duplication, and insure that only 5 stations are on at a time.

1. VHF 6, 2, 220, 440, 1.26GHZ?, and 10 meters under W6ZE.
2. 20 Phone, 80 Phone
3. 15 Phone, 40 Phone
4. 20 CW, 80 CW
5. 15 CW, 40 CW

I'm hoping to work some stations on the WARC bands and also 160. I'm also hoping we can find some novices and techs to operate HF CW as well as 10 meters and VHF.

Plan to attend and bring your ham friends. We especially need operators during the late night/early morning hours. Lets be #1 this year.

Larry K6VDP

### 1993 CLUB BOARD of DIRECTORS

President.....	Jane Breller .....	KC6TAM	310/866-2077
Vice President .....	John Dawson .....	WA6RND	..... 633-7469
Secretary .....	Ken Konechy .....	W6HHC	..... 744-0217
Treasurer.....	Bob Buss .....	KD6BWH	..... 534-2995
Activities.....	Cindy Hughes .....	KC6OPI	..... 971-3448
Membership .....	Bill DeSmith.....	K6BWZ	..... 533-4379
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T.V.I. Chairman ...	Chris Breller .....	KJ6ZH	..... 310/866-2077
Member at Large ..	Frank Smith.....	WA6VKZ	..... 838-3180
Member at Large ..	Bob Eckweiler .....	AF6C	..... 639-5074

### CLUB APPOINTMENTS

Club Historian .....	Bob Evans .....	WB6IXN	..... 543-9111
W6ZE Trustee.....	Bob Eckweiler.....	AF6C	..... 639-5074
RF Editor .....	.....	.....	.....
Refreshments .....	Cindy Hughes .....	KC6OPI	..... 971-3448

### DUES

Regular Member .....	\$12.00	Additional Family Members ..	\$6.00 each
Teenage Members (under 20).....	\$6.00	Optional Club Badge .....	\$5.00

Dues for new members are prorated quarterly from January of each year. Family members must reside at the address of a Regular Member. One RF is sent per household.

**Dues Are Due for 1993!**

## NET NEWS

3/3 15m phone net - W6ZE/AF6C checks in NGO, IXN, NG7D, & AZ. NGO still awaits the FT-1000 upgrading and repair. AF6C, still shakey abt more layoffs at work, replaces the batteries in the HT. NG7D runs QRP tonite as John tells OPs that a W. VA. QSL card is in & he will apply fer QRP WAS endorsement. Ida brings Kei a bucket of ice cream'..73s fer now OPs! And AZ has a homebrew QRP rig which he plans to exercise' in the near future!..NG7D, KE, VDP, JPG, AZ...Hey OPs, hw abt a QRP section of the OCARC, quips John!

3/3 2m phone net - W6ZE/IXN checks in ZH & TAM, RE, HHC, NG7D, DBY, YZG, BWH, VDP, QW, QE, & XTJ. ZH says former club member, Dotty, IBP, has a biopsy on lumps in her breast. OPs wish Dotty well! And TAM's brother has a skin cancer on his nose..Any other gud news, Chris! But ZH & TAM look ahead to a DX wk-end. IXN picks up an antibiotic at the doc's fer lung infection, & RE summarizes a stack of ARRL bulletins plus airing a long & interesting Newslines!..Tnx, Alex! Work keeps HHC hopping as they try to get their new French affiliate on line. Meanwhile, Ken prepares to bring his winter-beleagured mother frm Pittsburgh fer a spring vacation in sunny CA. NG7D & VES will do sum video taping of Orange County sites tomorrow. And John tells to check arnd on falling HT prices before they open their purses! OPs welcome YZG to the net..Long time, Lu! Lu is still a little weak & wobbly but improving! BWH still enjoys last year's spuds frm the garden and VDP, working odd jobs all week, enjoys the DX bulletins on the new 220 rpt. QW, not feeling well, takes a couple of days to garner sum more counties..Ala., Tx., & Miss.! And Rolf tells OPs abt a strong commercial station heterodyne on 14.336 MHz! A Carribean cruise, lectures by Dr. Ed Fuller, etc. hve kept QE frm the net fer abt 4 mo.!..Welcome bk, Phil!

3/4 40m CW net - W6ZE/RND moves further dwn the band, & all OPs had 599 sigs widout BC interference! ZE checks in IXN, NT, KC6ENZ, XQR, KB6LUL, & NG7D. We can't believe band condx on 40m tonite! IXN says all is quiet seismically, & NT is pleased that Goat Hill is drying out! Ken, ENZ, in San Pedro, has a Yaesu ? rig wid an ant. up 15 ft. And Bill, LUL, checked in frm San Jacinto, which, IXN reminded him, is on the San Jacinto Fault! Bill began fading away before net's end. XQR finds us by recognizing NT's distinctive fist! Right on, Ray! All OPs enjoy Nancy's strong sigs, vy easy copy, Nancy! NG7D experiments wid HamLink' on the TWF Super System! I'm sure John will hve an upcoming article fer RF' abt using his telephone (not the rig!) fer rare DX arnd the world!

3/10 15m phone net - W6ZE/AF6C checks in NGO, IXN, RND, NG7D, & VMS. Kei gets the FT-1000 bk wid the same image rejection problem unsolved..Three times is a charm, Kei!! IXN tells OPs there were 507 CA earthquakes above mag. 2 in July, 1992! RND works his 20m CW friend agn this afternoon. And VMS gets the new FT-990, wid voice recorder, ready fer FD!

3/10 2m phone net - W6ZE/IXN checks in RE, NG7D, VDP, RND, DBY, QW, BWH, & KE. RE keeps up wid the lawn work as he collects ARRL bulletins & airs interesting Newslines. NG7D DX contests' over the weekend, and now John needs QSL manager names & adrs! VDP loads up the ant wid the Johnson Matchbox by gnding one leg of the feedline to the chassis! And QSLs continue to come in

## NET NEWS (cont.)

frm the 160m CW contest last Dec.! RND, working 4 or 5 gigs a week, has little time fer ham radio at present. And DBY enjoys his new Kwd TS-50-S and new ant. He can work mobile or base station. QW, not feeling well, will host BWZ tomorrow while they print up RF'. Rolf talks wid XTJ on 20m in Utah which adds Washington County to QW's list! And BWH upgrades to a packet PK-232! And KE/m mobiles dwn the 405 as Carmine eyes an alien moon'! And Carmine joins the QRP suntan group' as he leisurely works Japan on 5W CW wid the TenTec 509 Argonaut, while bathing under the rays of Old Sol!

3/11 40m CW net - W6ZE/RND checks in IXN, NG7D, & NT. XQR can't hear OPs thru the QRN & QRM! RND will drop arnd 10KHz nxt week to try to limit BC QRM. IXN finds a faulty switch that limits use of the automatic patio light..The switch is replaced! HM!..NG7D talks wid an XYL in W. VA...And what's this abt a fist wid sex appeal', John!?...Must be that new Alinco HT John has ordered! Ray has a gud crop of weeds under way on the Hill. IXN says NT is growing next year's fire crop'! But Ray says his hay burning horse mowers' will finish the crop before that time! And RND plans to curl up wid the book, It doesn't Take a Hero' by Gen. Norman Schwarzkopf, after net. The XYL got the book fer John's BD! NG7D tells OPs that Roto Rooter gives the house drains a gud cleaning..And Ray quips, "Those rotten rooter' guys hve a gud thing going. We cudn't live widout them!" And NG7D sends VES a BD card wid the following quips: The President says we must all sacrifice in these trying economic times. So on ur BD, all-American creativity is in order. WHAT TO DO WID A USED BD CARD!..Keep it!..It cud be valuable sum day..Scratch out your name & send it to someone else..Use it for toilet paper..Or the #1 solution: Donate it to a landfill!

3/17 15m phone net - W6ZE/AF6C checks in NGO, IXN, & RND. RND can't read IXN's weak sigs. And AF6C suffers an open fuse in the Ham-M-Rotator box. NGO hasn't stopped the leak in a bathroom faucet. And IXN recuperates frm an intestinal bug! And all four OPs hve corned beef & cabbage this week in honor of St. Patty's Day'! A JA Tech will call Cerritos abt the problem in Kei's FT-1000. RND corn beef & cabbages' when he plays guitar wid a band at a senior citizen's get-together!

3/17 2m phone net - W6ZE/IXN checks in ZH & TAM, RE, RND, HHC, VDP, PFA, KA4LDN (visiting) frm Golden, CO., & WZO. ZH tries checking in on 15 tonite, but too much QRN! And Chris receives QSL cards frm Sable Is. & KB5SIW, frm a Space Shuttle mission. Dotty, IBP, comes thru recent surgery wid flying colors. And IXN hears el presidente TAM in the background wid nothing heard frm CQ'! RE, IXN, & RND slave in their yards wid grass & weeds! RE reads ARRL bulletins & gives update on Mar. launch of Columbia Space Shuttle. RND will drop dwn abt 10 KC fer CW net tomorrow eve. And John shivers when thinking abt his CT friend shoveling all that snow out of the driveway! IXN tells all OPs to spring ahead' wid the clocks on April 4. RE airs Newsline, and HHC, NGO, & COJ plan to get the Club generator frm JBS and refurbish it fer FD! VDP works 6m, getting Kingman Reef and a DMO2 contact fer a new grid square on 6m! PFA needs OPs to help wid the lax enforcement Baker-to-Vegas Relay Race! Tom needs 15 OPs at least! LDN talks wid VDP after net..Roger wants to attend a swap

## NET NEWS (cont.)

meet over the weekend! And Friendly Fried', our SW Div. Director, gives the net a shout!

3/18 40m CW net - W6ZE/RND checks in IXN, NG7D, NT, & XQR. Then John immediately QSYs to arnd 7.056 MHz to try to avoid QRM. IXN is finally beating the intestinal bug and XQR's sigs are weak but readable. The Telephone Co. has dug trenches all arnd NG7D's QTH looking fer a short! IXN now calls John's QTH the Gopher Hole' to go along wid Ray's Goat Hill..Hi! And John uses TWF's Super System to work 9Y4PM! Will John match the 8 page letter he received frm an OP, ZL4AU, in New Zealand?..IXN & XQR say YES!! XQR's weak sigs are gud fer the net!..Nancy tweaks our ears fer those weak DX sigs! RND tells NG7D he might hve been working 9Y4PM long path! And Ray says all his critters are as happy as clams' wid the nice weather..NT even has a pair of Mallard ducks in the back 40! And wid that, Ray decides to feed the head critter', 73's, and takes off fer dinner! We will all eyeball at meeting tomorrow nite!

3/24 15m phone net - W6ZE/AF6C checks in IXN, NG7D, & RND. IXN asks AF6C abt Comm 1 & Comm 2 serial ports. And AF6C tells OPs abt picking up the Club generator at JBS' QTH and getting a flat tire on the way back! NG7D informs OPs abt the small EQ in Moreno Valley at 10:56 after last Club meeting. And IXN tells NG7D that the best way to reach the operating position at the Queen Mary, would be Herman, the German'! RND checks in, keeping one eye on taping equipment as John records the Wild West' mini-series! And John predicts the next EQ will occur near Hemet when he attends the upcoming Club campout!

3/24 2m phone net - W6ZE/IXN checks in BPX, RE, VDP, AF6C, NG7D, BWH, HHC, & QW. IXN won't be on the 40m CW net tomorrow eve. Ect will be visiting wid JSV & EZS. BPX over-did it helping Blanche weed! So Wyatt will be content wid supervising Blanche while she plants a few tomatoes. They will give up the big garden this year, as they contemplate their 60th wedding anniv. on Apr. 10. RE has ARPL bulletins all over the place as Alex reads a few choice ones & tells OPs that he almost got involved wid the RC in the Anaheim standoff..The guy gave up before Alex got there! Like IXN, RE's roses & flowers are in bloom! BWH goes to Anaheim Club meeting to hear an absent W6FXN speak on things seismic (postponed till July?). Bob says Anaheim Club has 99 members, but few in attendance fer meeting. HHC, AF6C, & NGO pick up the Club generator at JBS' QTH to prepare it fer FD. But alas! A flat tire turns a minor job into a major operation, finding a new tire, etc.! And PFA & QE give a ham radio demo to a Cub Scout troop in Tustin. QW has over 2000 counties in 4 1/2 mo.!..A lot of time at the rig, Rolf! And QW gets a computer World Atlas fer his birthday..That'll solve those mysterious DX countries problems! VDP enjoys Nate's presentation on the Queen Mary & ARS W6PD, plus Larry meets old friends at the Rio Hondo Swap Meet last Sat. AF6C & NG7D mention that a Yaesu Rep. has visited NGO to attempt to resolve the image problem in the FT-1000! IXN & fam. visit wid JSV & EZS. EZS will hve corrective surgery soon. JSV is into commercial artwork on the MacIntosh, & does quite well at it!

3/25 40m CW net - W6ZE/RND checks in NT, & NG7D. NG7D tells net that IXN is visiting at JSV's QTH. And all OPs cuss & discuss the



## NET NEWS (cont.)

rain, but don't think there will be enuf to slide Ray down off Goat Hill. NG7D says the Pac Bell has completed their work in Gopher Gulch', & John completes work on the QSL cards necessary fer his QRP WAS award! Net ends when NT takes off fer dinner, & RND gets bk to taping the Wild West' mini-series!

3/31 15m phone net - W6ZE/AF6C checks in NGO, HHC, IXN, & VKZ. VKZ's sigs are weak tonite, so Frank, "chatter, chatter, 1..2..3..4..5s", while ZE swings the beam & OPs tweak the tuning to hear Frank better. Emergency tire purchase fer the generator was more expensive than a tire found in an AF6C catalogue..How old is that catalogue, Bob? NGO re-routes generator fuel lines, remounts a filter, finds a spare tire fer the generator, and hosts a Yaesu engineer who plays the front panel of the FT-1000 like a piano!! IXN tells HHC abt minor seismic activity at Mammoth Lakes and HHC approves NGO's mechanical expertise on the Club generator!

3/31 2m phone net - W6ZE/IXN checks in NG7D, BPX, OPI, RND, RE, VDP, ESD, ZH & TAM, and KE. BPX cracks the whip' over Blanche as Wyatt supervises weed spraying at the QTH. Wyatt sounds like his old self' agn!! OPs give NG7D gud rpts on the 'new Alinco DJ-580, and, it covers John's cherished 80CMHz band! John works the CQ WPX contest last weekend, garnering Cuba, Peru, S. Africa, & a new Canadian prefix, XK-1, all on the 850! OPI rejoices over the elimination of all GS cookies, & Cindy spent sum time at the Orange County Disaster Preparedness Academy and at Red Cross School. RND renews his subscription to CQ mag., & tells NG7D he lites up all LEDs on hi pwr. Other plans will keep RND frm the Club Bfast, but John finishes a wooden pole fer his FD dipole! RE & XYL will celebrate the 59th wedding anniv. in abt 2 wks.! And RE prepares fer daughters & grandharmonic at the QTH next week. Alex reads ARRL bulls., airs an interesting Newsline, & gives sunspot rpt. ZH alerts OPs to get their articles fer RF' to him by floppy disc, packet, etc...Outranked, Chris keeps one ear on the net, & the other on el Presidente TAM's continuous QRM in the background. Jane just returned frm shopping & spending long hours at work..12 hour days!! ZH picks up Ghana on his Birthday (9G1AA)..& receives QSL cards frm Madagasscar, N. Korea, & Market Reef. VDP, ZH, ESD, & NG7D all work the KP1 on Navassa Is. And Larry picks up KH2W, WS1JU, & NF6S on 40 & 80m CW. VDP plans a FD article fer RF', and he and QW will soon be taking a trip to Oregon! And ESD finds time to pick up AH1A, 9A1CCY, & 5X1A while attending 5 dances last week! KE motors along the 5' as he tells OPs he worked 3D2MP on 20 AMTOR (little Is. off Fiji). And now Carmine has installed the EPROMs fer PACTOR in the PK-232!

## **HOLD THE FREQUENCY!!!**

by Chris Breller - KJ6ZH

On Field Day, a lot of new hams and a lot of hams new to contesting come out to have some fun and learn a little about contesting. As I wandered around Field Day last year, I noticed some of the frustration of the newcomers. So this year, I am providing some of the tricks to building up a good score on Field Day.

**PICK A FREQUENCY AND HOLD IT.** This is probably the most important advice I can give. Try to find a frequency at the low end of the General portion of the band. It may be a little quieter in the Advanced or Extra portion, but you won't have as many stations to work as in the General portion and working the most stations is what a contest is all about! Now that you have a frequency, hold on to it. Field Day is a contest, which means hundred of other stations are also trying to win too. Politeness is not necessarily a virtue in a contest. If another station starts to call "CQ FIELD DAY" on your frequency, get in there and start calling "CQ" yourself and pick out somebody and get the report. Don't let anyone push you off the frequency. Typically, you have an advantage on 10, 15 and 20 meters because the club has beams for those bands. Most other stations on Field Day are running dipoles and verticals. You will have one of the louder signals on these bands, even if running 100 watts, and all the other stations will want to work W6ZE. Which leads me to my next point...

**DON'T CHANGE FREQUENCIES UNTIL LATE IN THE CONTEST.** You will make 3 to 4 times as many contacts by staying on one frequency and letting the others come to you than if you search up and down the bands, getting into pileups, waiting your turn to work that strong station and then repeating the whole process. Remember, W6ZE is a strong station on Field Day. Let the other, weaker stations come to you. The exception to this rule is on Sunday. By Sunday, you will have worked just about all those "traveling" stations and the only stations you may not have worked are the "strong" stations who like you have pretty much held thier own frequencies. At this time go ahead and cruise up and down the band looking for new stations. The rate at which you will make contacts will drop, but you are not looking for duplicates just more points.

**BE THE LAST TO GIVE INFORMATION.** In a typical exchange, you may transmit "The Radio Radio station, 5A Orange." He'll reply, "QSL your 5A Orange, this is W5RR 10A North Texas, QSL?" You'll reply "W5RR QSL, 10a North Texas, 73 this is W6ZE CQ FIELD DAY, CQ FIELD DAY FROM W6ZE" Don't get reversed or he may steal your frequency.

Last but not least, **KEEP CALLING.** If after calling "CQ FIELD DAY" you can't pick out a call from the huge pileup you are working, call CQ again. Keep the frequency active with your calls so some other station doesn't steal the frequency. Be entertaining with the W6ZE call to attract attention. Some examples are: "Whiskey Six Zebras and Elephants" (yes we'll stomp on you if you try to take our freq); Whiskey Six Zulu Echo (our standard call); Whiskey Six Zippy Enchliadas (tells the world of our southwest heritage); Whiskey 6 Zero Energy (popular at 3:30 a.m.); well you get the drift.

**GENERAL  
MEETING**

April 16

May 21

**BOARD  
BREAKFAST**

May 1

## CLUB MEETINGS

General Meeting is the 3rd Friday of each month at 7:30 PM  
**Anaheim Emergency Operations Center**

909 East Vermont, Anaheim, CA

West of 2nd set of railroad tracks.

A big antenna is in front with a red light on top.

Vermont runs east and west between Harbor and State College

Vermont is north of Ball and south of Lincoln

Board Meeting is the 1st Saturday of each month at 8:00 AM

**Denny's Restaurant -- Members & Visitors are welcome**

2314 E. Seventeenth Street, Santa Ana, CA (714) 543-0872

2nd building west of the 55 freeway, south side of 17th

## CLUB NETS

<u>BAND</u>	<u>MODE</u>	<u>DAY</u>	<u>LOCAL TIME</u>	<u>FREQ. MHz</u>	<u>NET CONTROL</u>
15 Meters	SSB	Wed	8:00 PM	21.375*	AF6C
2 Meters	FM	Wed	8:30 PM	146.550 simplex	WB6IXN
40 Meters	CW	Thur	8:00 PM	7.140*	WA6RND

(Listen for W6ZE, Net Control) \*Plus or minus QRM

ORANGE COUNTY AMATEUR RADIO CLUB, INC.

P.O. Box 3454

TUSTIN, CA 92681



*First Class Mail*

**Time-Dated Material.  
Please Rush!!**